

MJK 7030 Float Switch Installation Instructions.

Applies to Part Numbers 202810, 202811, and 202811-100ft.

Counter weights, ring bolts, pipe, cable ties, and screws referenced in this manual are not supplied with the MJK Float Switch but are referenced as part of installation examples.

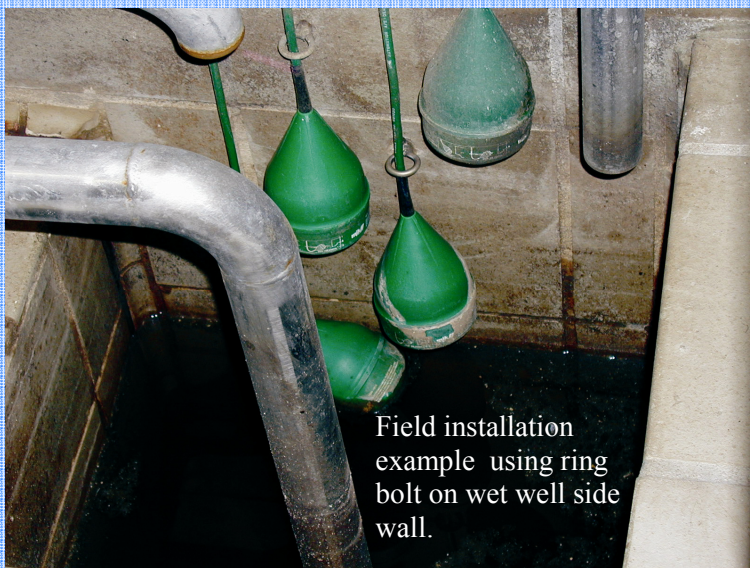
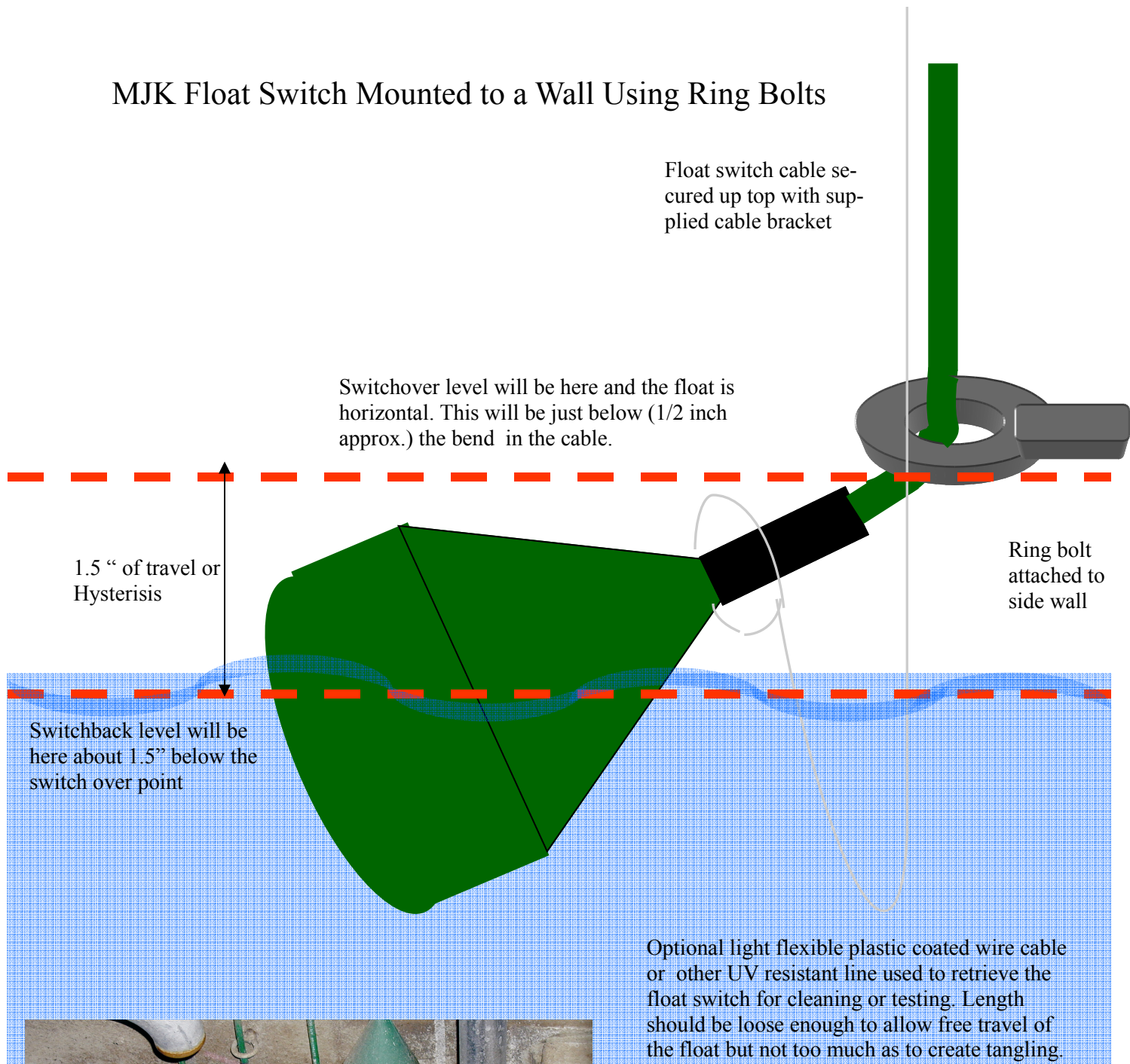


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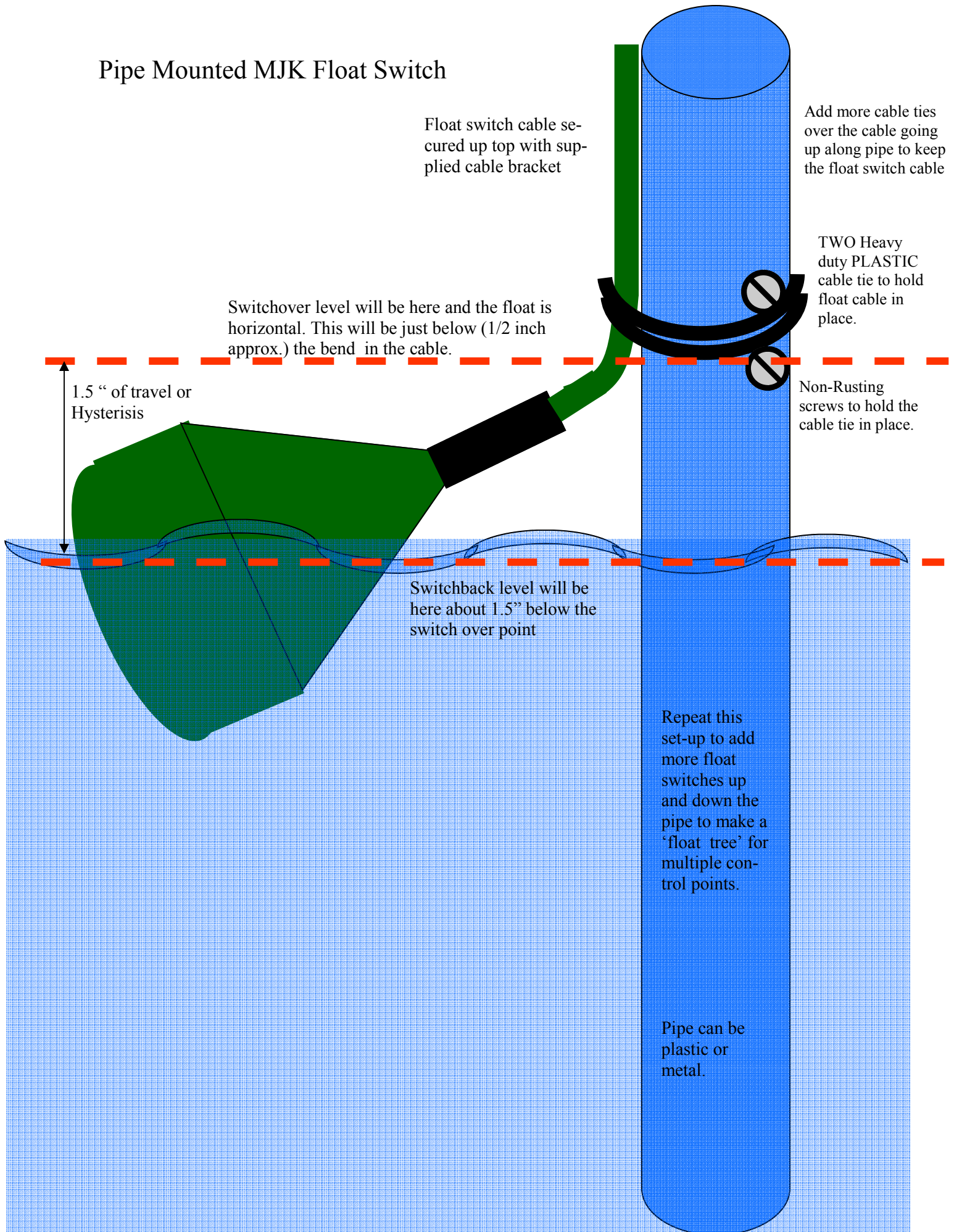
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MJK Float Switch Mounted to a Wall Using Ring Bolts



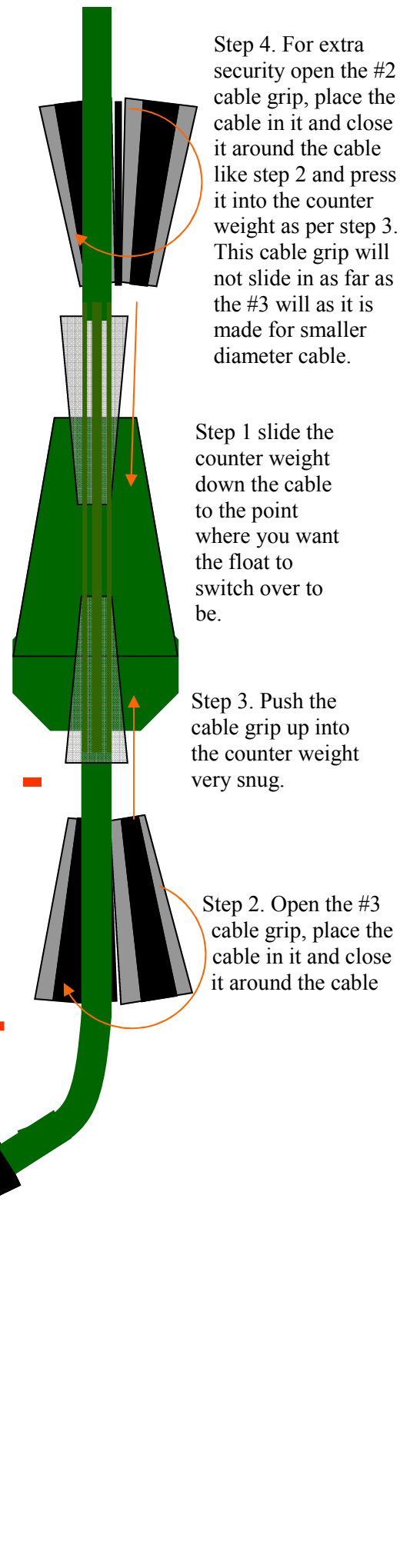
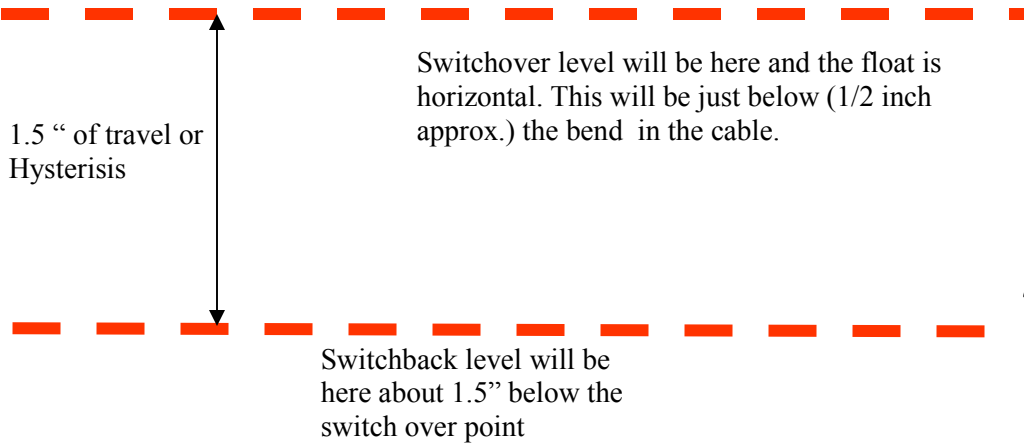
Pipe Mounted MJK Float Switch



Using the MJK Counter Weight to Position Where the MJK Float Switch Switchover Occurs.

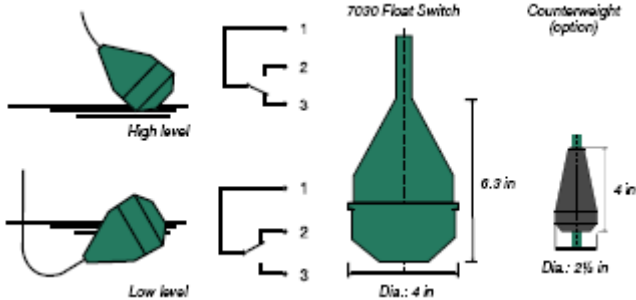


Hang the Float Switches using the supplied cable bracket . Position the Counter Weight 4 to 8 inches above the float switch. Do not position the counter weight too close to the black cable fitting at the top of the float switch or the cable may not bend properly. See photo at left for a proper installation example.



MJK Part no.	Data Sheet Description
202810	7030 Float Switch, w/39ft cable
202811	7030 Float Switch w/65ft cable
202811-100FT	7030 Float Switch w/100 ft. cable
560917	Counter weight
560916	Cable Bracket for 7030 Float Switches and standard cable for 1100/1100T/1400 series submersible level transmitters.

Connection and dimension



Specifications:	
Contact system:	Mechanical change-over switch (SPDT)
Max. load:	16 A @ 230 VAC, 0.5 A @ 230 VDC
Temperature:	- 5 to + 150 °F
Materials:	Polypropylene / Oil resistant PVC (float housing / cable)
Cable:	3 x AWG 17, oil resistant PVC insulation, Length 39 ft, dia. 1/8 in.
Approvals:	CE: EN50081-1, EN50082-1 UL: ULS 161.3 (µ-switch)

General

The exceptional reliability of the 7030 Float Switch makes it very suitable for many highly automated systems to provide additional protection against control system failures, preventing pumps from running dry etc. Traditional mercury switches are replaced with up-to-date environmentally friendly

materials in the 7030 Float Switch. The extra durability of the potted switching components, strong multi-fiber flexible cable, rugged polypropylene enclosure, allow the 7030 to deliver reliable results where other float switches fail.

Features

- Environmental friendly - no mercury!
 - Unmatched rugged construction for durability.
 - Very reliable electromechanical contact system - guaranteed for up to 20 million operations.
 - The relay contact switch handles loads up to 16 Amps AC so a motor starter can
- be connected directly.
 - Includes 39 ft or 65 ft of rugged, oil resistant PVC cable and polypropylene cable bracket.
 - SPDT relay allows normally open or normally closed configurations that are selected by how it is wired.

Warranty

MJK 7030 series Float Switches carry a five-year limited warranty against defects in materials or workmanship and that they will comply with written specifications supplied by MJK current at the time of shipment to the customer. The Warranty period begins once the product is installed or otherwise put into operation, or 90 days after the date of delivery to the buyer, whichever is soonest. MJK products are not warranted against abuse, misuse, or normal wear and tear. MJK will at MJK’s discretion, repair or exchange defective product covered under warranty at no cost to the buyer provided the buyer returns the item, freight prepaid to MJK with a return authorization issued by MJK. The buyer is liable for expenses and risks, associated with return delivery to our company. MJK is not liable for direct or indirect damages due to product failure under warranty or out of warranty.

Liability

MJK North America Inc. an Illinois Corporation is the manufacturer and wholesale seller of record, not the retail seller of record. MJK’s liability is limited to the costs of its products and services, unless otherwise indicated by state or provincial law.

Return of Goods

Products custom manufactured to the specifications of a customer cannot be returned, except if covered by warranty, nor can an order for custom manufactured products be cancelled once issued to MJK, except with written permission from MJK. Restocking fees and/or manufacturing costs may be assessed for the cancellation of custom product orders. Standard products can only be returned with a return goods authorization issued by MJK. Returns of goods ordered in error or for stock reduction purposes, which are returned unused, complete and in their original packaging, will be accepted when return authorization is obtained. The buyer will be assessed a 10% re-stocking charge based on the purchase price of the product. Product credit, less the restocking charge, will be issued upon inspection of the returned goods

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